

# Dragon Warrior



Dragon Warrior was a joint effort between NRL, the Marine Corps Warfighting Laboratory (MCWL), and the Office of Naval Research (ONR) to develop a HMMWV-transportable, vertical take-off and landing (VTOL) unmanned air vehicle for USMC missions. With its fully autonomous flight operation and differential GPS navigation, the Dragon Warrior will perform Reconnaissance Surveillance Target Acquisition (RSTA) and Communications Relay missions. The overall body length is 84 inches with a rotor diameter of 96 inches. With a gross weight of 350 lb and a payload capacity of 25 - 35 lb, Dragon Warrior will have an estimated endurance of 3 - 5 hours and a dash speed of 100 kt. The first full-scale prototype flight tests began in June of 2003. NRL is continuing development to achieve autonomous flight by the end of 2004.

**For more information, please contact:**



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